

All Other Basic Inorganic Chemical Manufacturing: 2002

Issued September 2004

EC02-311-325188

2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
325188, All other basic inorganic chemical manufacturing	2002.. 379	617	46 035	2 775 625	23 545	49 710	1 258 146	9 007 607	5 787 887	14 757 054	787 252
	2001.. N	N	47 584	2 764 041	26 418	55 078	1 355 760	9 831 702	6 130 452	15 958 750	822 852
	2000.. N	N	50 193	2 675 886	27 514	57 757	1 283 235	8 837 535	6 560 012	15 630 274	938 280
	1999.. N	N	53 225	2 747 833	27 677	51 578	1 241 678	11 048 450	6 247 935	17 234 282	1 230 250
	1998.. N	N	56 153	2 814 789	29 009	55 308	1 307 212	16 299 962	6 531 937	22 760 168	1 357 346
	1997.. 385	637	53 427	2 608 392	27 239	55 020	1 241 327	10 759 705	6 459 280	17 275 485	837 603

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	All establishments ²			All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
	E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325188, All other basic inorganic chemical manufacturing												
United States	1	617	267	46 035	2 775 625	23 545	49 710	1 258 146	9 007 607	5 787 887	14 757 054	787 252
Alabama	—	15	6	745	43 247	449	1 015	25 366	209 718	144 284	363 257	9 518
Arkansas	1	6	1	130	5 974	73	161	2 972	37 156	21 852	60 128	1 620
California	2	44	16	1 118	60 427	691	1 399	32 181	294 094	193 381	490 120	23 144
Colorado	2	8	2	158	9 107	61	128	2 945	23 599	10 958	33 012	7 286
Connecticut	—	6	2	452	30 168	192	367	12 346	52 907	31 625	87 369	4 094
Florida	2	20	4	196	8 763	126	227	5 143	51 921	38 935	80 363	2 353
Georgia	2	31	14	1 156	58 074	814	1 716	37 247	331 764	325 469	655 063	29 123
Illinois	2	30	20	1 767	96 692	1 230	2 346	62 413	413 796	255 761	668 849	31 602
Indiana	2	24	9	450	22 979	333	671	15 542	115 307	102 642	218 361	12 438
Iowa	—	5	3	204	10 882	123	281	5 835	141 234	27 876	168 701	1 945
Louisiana	1	22	14	1 307	87 122	869	1 945	56 832	291 212	332 171	637 383	127 395
Maryland	—	14	7	1 232	77 592	719	1 446	42 085	169 034	206 738	391 755	25 837
Massachusetts	2	11	4	280	15 621	168	345	8 160	56 958	36 075	92 692	5 364
Mississippi	—	7	4	320	18 101	202	445	10 028	151 700	124 758	279 805	7 321
Missouri	2	8	7	361	20 985	239	459	13 334	108 711	85 680	193 439	7 720
Nebraska	1	5	2	108	5 077	76	174	3 493	36 332	29 554	63 290	2 144
New Jersey	1	26	16	1 185	67 287	574	1 180	29 503	296 359	383 072	690 345	27 512
New York	—	25	14	1 414	70 653	930	2 059	43 875	269 184	249 086	526 149	16 024
North Carolina	6	16	5	1 213	73 695	916	1 817	50 639	171 685	160 644	344 612	27 151
Ohio	—	43	16	2 887	174 176	2 312	5 376	135 959	498 650	382 894	900 132	31 439
Oklahoma	2	16	6	297	13 699	186	369	7 382	54 398	28 219	78 540	2 901
Pennsylvania	1	29	13	1 476	86 091	1 098	2 228	60 935	483 955	264 785	755 401	43 551
South Carolina	—	15	7	11 421	745 498	3 914	8 180	202 537	1 367 715	215 264	1 578 961	65 570
Texas	—	52	22	1 776	105 284	1 076	2 275	63 351	547 844	430 474	959 713	89 112
Virginia	—	11	3	2 247	140 341	1 153	2 693	63 681	413 324	53 207	397 124	25 813
West Virginia	—	5	1	138	7 802	83	178	4 067	13 805	12 263	27 051	1 403
Wisconsin	—	13	3	217	11 655	166	355	7 086	70 691	70 257	144 658	8 435

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
325188, All other basic inorganic chemical manufacturing	
Companies ¹	number.. 379
All establishments ²	number.. 617
Establishments with 1 to 19 employees	number.. 350
Establishments with 20 to 99 employees	number.. 196
Establishments with 100 employees or more	number.. 71
All employees ³	number.. 46 035
Total compensation	\$1,000.. 3 547 660
Annual payroll	\$1,000.. 2 775 625
Total fringe benefits	\$1,000.. 772 035
Production workers, average for year	number.. 23 545
Production workers on March 12	number.. 23 618
Production workers on May 12	number.. 23 706
Production workers on August 12	number.. 23 515
Production workers on November 12	number.. 23 296
Production worker hours	1,000.. 49 710
Production worker wages	\$1,000.. 1 258 146
Total cost of materials	\$1,000.. 5 787 887
Materials, parts, containers, packaging, etc., used	\$1,000.. 4 178 506
Resales	\$1,000.. 405 826
Purchased fuels	\$1,000.. 298 160
Purchased electricity	\$1,000.. 785 161
Contract work	\$1,000.. 120 234
Quantity of electricity purchased for heat and power	1,000 kWh.. 24 841 999
Quantity of electricity generated less sold for heat and power	1,000 kWh.. S
Total value of shipments	\$1,000.. 14 757 054
Primary products value of shipments	\$1,000.. 10 553 739
Secondary products value of shipments	\$1,000.. 675 521
Total miscellaneous receipts	\$1,000.. 3 527 794
Value of resales	\$1,000.. 473 667
Contract receipts	\$1,000.. 3 026 956
Other miscellaneous receipts	\$1,000.. 27 171
Primary products specialization ratio	percent.. 94
Value of primary products shipments made in all industries	\$1,000.. 12 224 876
Value of primary products shipments made in this industry	\$1,000.. 10 553 739
Value of primary products shipments made in other industries	\$1,000.. 1 671 137
Coverage ratio	percent.. 86
Value added	\$1,000.. 9 007 607
Total inventories, beginning of year	\$1,000.. 1 550 079
Finished goods inventories	\$1,000.. 778 471
Work-in-process inventories	\$1,000.. 238 743
Materials and supplies inventories	\$1,000.. 532 865
Total inventories, end of year	\$1,000.. 1 553 514
Finished goods inventories	\$1,000.. 735 646
Work-in-process inventories	\$1,000.. 320 008
Materials and supplies inventories	\$1,000.. 497 860
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 12 467 316
Total capital expenditures (new and used)	\$1,000.. 787 252
Buildings and other structures (new and used)	\$1,000.. 110 302
Machinery and equipment (new and used)	\$1,000.. 676 950
Automobiles, trucks, etc., for highway use	\$1,000.. 14 798
Computers and peripheral data processing equipment	\$1,000.. 46 129
All other expenditures for machinery and equipment	\$1,000.. 616 023
Total retirements	\$1,000.. 637 905
Gross value of depreciable assets at end of year	\$1,000.. 12 616 663
Depreciation charges during year	\$1,000.. 669 035
Total rental payments	\$1,000.. 163 177
Buildings and other structures	\$1,000.. 47 176
Machinery and equipment	\$1,000.. 116 001
Total other expenses ⁴	\$1,000.. 1 195 860
Response coverage ratio ⁵	percent.. 65
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 252 748
Communications services ⁴	\$1,000.. 25 510
Legal services ⁴	\$1,000.. 12 907
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 4 039
Advertising and promotional services ⁴	\$1,000.. 6 586
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 29 578
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 57 287
Management consulting and administrative services ⁴	\$1,000.. 52 439
Taxes and license fees ⁴	\$1,000.. 62 046
All other expenses ⁴	\$1,000.. 692 721

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325188, All other basic inorganic chemical manufacturing											
All establishments	1	617	46 035	2 775 625	23 545	49 710	1 258 146	9 007 607	5 787 887	14 757 054	787 252
Establishments with—											
1 to 4 employees	4	144	e	D	D	D	D	D	D	D	D
5 to 9 employees	2	104	697	37 319	522	1 048	26 363	233 736	206 684	442 017	19 506
10 to 19 employees	3	102	1 456	75 555	978	2 052	46 685	371 556	288 525	658 658	36 823
20 to 49 employees	2	131	4 232	222 714	2 731	5 615	130 171	1 076 321	816 955	1 901 043	127 933
50 to 99 employees	1	65	4 713	257 091	2 914	5 814	140 458	1 078 657	1 067 858	2 152 312	115 192
100 to 249 employees	—	44	6 698	379 612	4 255	8 964	217 741	1 728 323	1 553 312	3 260 485	247 956
250 to 499 employees	—	18	5 827	348 345	3 490	7 305	204 481	1 512 673	942 832	2 489 164	129 708
500 to 999 employees	3	3	2 209	149 796	1 378	3 111	79 106	228 564	312 715	547 639	40 817
1,000 to 2,499 employees	—	4	5 782	350 198	3 504	7 856	204 800	1 057 448	487 025	1 475 514	D
2,500 employees or more	—	2	j	D	D	D	D	D	D	D	—
Administrative records ⁴	9	136	722	41 014	473	975	24 682	163 279	107 676	270 953	23 802

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
325188	All other basic inorganic chemical manufacturing	617	46 035	2 775 625	23 545	49 710	1 258 146	9 007 607	5 787 887	14 757 054	787 252
3251881	Sulfuric acid	22	966	57 905	635	1 362	31 690	303 295	122 944	429 583	41 717
3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric	13	656	47 937	454	982	32 129	80 058	219 033	297 919	D
3251887	Other inorganic aluminum compounds	52	1 145	55 733	843	1 754	37 568	231 409	271 543	494 511	D
325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	57	3 852	212 300	2 617	5 337	134 297	1 146 354	924 245	2 080 491	112 611
325188D	Chemical catalytic preparations, excluding silica gel catalyst	37	4 974	302 990	2 729	5 812	159 122	1 201 434	1 228 934	2 458 590	109 907
325188H	All other inorganic chemicals	185	12 463	671 961	7 830	15 730	387 340	3 056 363	2 184 255	5 240 646	276 569

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325188	All other basic inorganic chemical manufacturing	2002.. N 1997.. N	X X	X X	12 224 876 15 441 829
3251881	Sulfuric acid	2002.. N 1997.. N	X X	X X	652 796 610 418
32518811	Sulfuric acid	2002.. N 1997.. N	X X	X X	652 796 610 418
3251881100	Sulfuric acid ¹	2002.. 32 1997.. 40	X X	X X	652 796 610 418
3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric	2002.. N 1997.. N	X X	X X	430 496 726 727
32518841	Inorganic acids, excluding nitric, sulfuric and phosphoric	2002.. N 1997.. N	X X	X X	430 496 726 727
3251884100	Inorganic acids, excluding nitric, sulfuric and phosphoric ²	2002.. 41 1997.. 43	X X	X X	430 496 726 727
3251887	Other inorganic aluminum compounds	2002.. N 1997.. N	X X	X X	826 018 780 781
32518871	Other inorganic aluminum compounds	2002.. N 1997.. N	X X	X X	826 018 780 781
3251887100	Other inorganic aluminum compounds ²	2002.. 27 1997.. 38	X X	X X	826 018 780 781
325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	2002.. N 1997.. N	X X	X X	1 978 091 2 134 630
325188A1	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	2002.. N 1997.. N	X X	X X	1 978 091 2 134 630
325188A100	Potassium and sodium compounds, excluding bleaches, alkalies, and alum ²	2002.. 69 1997.. 81	X X	X X	1 978 091 2 134 630
325188D	Chemical catalytic preparations, excluding silica gel catalyst	2002.. N 1997.. N	X X	X X	2 179 848 1 857 513
325188D1	Chemical catalytic preparations, excluding silica gel catalyst	2002.. N 1997.. N	X X	X X	2 179 848 1 857 513
325188D100	Chemical catalytic preparations, excluding silica gel catalyst	2002.. 37 1997.. 33	X X	X X	2 179 848 1 857 513
325188H	All other inorganic chemicals	2002.. N 1997.. N	X X	X X	5 355 422 N
325188H1	All other inorganic chemicals	2002.. N 1997.. N	X X	X X	5 070 241 N
325188H120	All other inorganic chemicals	2002.. 155 1997.. N	X X	X X	4 946 416 N
325188H130	Carbon bisulfide (disulfide)	2002.. 12 1997.. N	X X	X X	123 825 N
325188HY	All other inorganic chemicals, nsk	2002.. N 1997.. N	X X	X X	285 181 N
325188HYWV	All other inorganic chemicals, nsk	2002.. N 1997.. N	X X	X X	285 181 N
325188W	All other basic inorganic chemical manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	802 205 667 240
325188WY	All other basic inorganic chemical manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	802 205 667 240
325188WYWW	All other basic inorganic chemical manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	537 562 529 572
325188WYWY	All other basic inorganic chemical manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	264 643 137 668

¹For additional detail, see Current Industrial Report MQ325B, Fertilizer Materials.

²For additional detail, see Current Industrial Report MQ325A, Inorganic Chemicals.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3251881	Sulfuric acid	
	United States	2002 .. 652 796
		1997 .. 610 418
	Georgia	2002 .. 24 693
		1997 .. 21 037
	Louisiana	2002 .. 105 876
		1997 .. 117 644
	Ohio	2002 .. 36 683
		1997 .. N
	Texas	2002 .. 203 194
		1997 .. 113 606
3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric	
	United States	2002 .. 430 496
		1997 .. 726 727
	Florida	2002 .. 2 673
		1997 .. N
	New Jersey	2002 .. 8 982
		1997 .. N
	Ohio	2002 .. 7 726
		1997 .. 34 134
	Texas	2002 .. 105 844
		1997 .. 149 205
3251887	Other inorganic aluminum compounds	
	United States	2002 .. 826 018
		1997 .. 780 781
	Illinois	2002 .. 34 312
		1997 .. 26 657
	Indiana	2002 .. 30 249
		1997 .. N
	Louisiana	2002 .. 147 296
		1997 .. 176 733
	Maryland	2002 .. 33 770
		1997 .. N
	Ohio	2002 .. 29 876
		1997 .. 5 672
325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	
	United States	2002 .. 1 978 091
		1997 .. 2 134 630
	California	2002 .. 40 413
		1997 .. N
	Florida	2002 .. 25 057
		1997 .. 9 664
	Georgia	2002 .. 133 105
		1997 .. 124 699
	Illinois	2002 .. 92 103
		1997 .. 112 109
	Mississippi	2002 .. 214 803
		1997 .. 166 339
	Missouri	2002 .. 54 476
		1997 .. 88 417
	New Jersey	2002 .. 84 997
		1997 .. 84 609
	New York	2002 .. 100 411
		1997 .. 122 180
	Ohio	2002 .. 35 307
		1997 .. 38 163
	Pennsylvania	2002 .. 48 531
		1997 .. 40 490
	Texas	2002 .. 107 108
		1997 .. 45 628
325188D	Chemical catalytic preparations, excluding silica gel catalyst	
	United States	2002 .. 2 179 848
		1997 .. 1 857 513
	Georgia	2002 .. 307 788
		1997 .. N
	Illinois	2002 .. 58 349
		1997 .. 80 362
	Louisiana	2002 .. 494 861
		1997 .. N
	New Jersey	2002 .. 134 676
		1997 .. 99 450
325188H	All other inorganic chemicals	
	United States	2002 .. 5 355 422
		1997 .. N
	Alabama	2002 .. 303 056
		1997 .. N
	California	2002 .. 71 061
		1997 .. N
	Georgia	2002 .. 116 856
		1997 .. N
	Illinois	2002 .. 373 506
		1997 .. N
	Indiana	2002 .. 83 927
		1997 .. N
	Louisiana	2002 .. 136 006
		1997 .. N
	Maryland	2002 .. 120 470
		1997 .. N
	Massachusetts	2002 .. 51 529
		1997 .. N
	Mississippi	2002 .. 30 582
		1997 .. N
	Missouri	2002 .. 68 778

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
325188H	All other inorganic chemicals—Con.	
	United States—Con.	
	1997..	N
	New Jersey	2002.. 261 772
	1997..	N
	New York	2002.. 413 789
	1997..	N
	North Carolina	2002.. 256 038
	1997..	N
	Ohio	2002.. 197 829
	1997..	N
	Oklahoma	2002.. 39 810
	1997..	N
	Pennsylvania	2002.. 566 959
	1997..	N
	South Carolina	2002.. 398 506
	1997..	N
	Texas	2002.. 269 794
	1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
325188	All other basic inorganic chemical manufacturing		
00900001	Total materials	X	4 178 506
	.....2002..	X	4 754 091
	.....1997..	X	
32531201	Phosphoric acid, excluding spent (100 percent P ₂ O ₅) 1,000 s tons	301.9	114 663
	.....2002..	362.7	142 744
	.....1997..	P1 305.0	55 060
32518805	Sulfuric acid, excluding spent (100 percent H ₂ SO ₄) 1, 000 s tons	2 117.0	71 700
	.....2002..		
	.....1997..		
32518103	Chlorine (100 percent Cl basis) 1,000 s tons	S	24 327
	.....2002..	223.0	42 689
	.....1997..	D	D
32518837	Phosphorus, elemental (technical) 1,000 s tons	D	D
	.....2002..	P102.2	145 962
	.....1997..	P252.6	32 414
32518105	Sodium carbonate (soda ash) (58 percent Na ₂ O) 1,000 s tons	q574.7	85 193
	.....2002..		
	.....1997..		
32518107	Sodium hydroxide (caustic soda)(100 percent NaOH) 1,000 s tons	P463.7	82 601
	.....2002..	623.6	116 127
	.....1997..	S	36 410
00190031	Salt in brine 1,000 s tons	D	D
	.....2002..	X	431 399
	.....1997..	X	718 628
325000A5	Other industrial inorganic chemicals.....		
	.....2002..		
	.....1997..		
32510091	Synthetic organic chemicals	X	117 309
	.....2002..	X	90 344
	.....1997..	D	D
21229903	Bauxite 1,000 s tons	S	32 371
	.....2002..	D	D
	.....1997..	D	D
21239200	Phosphate rock 1,000 s tons	2 415.2	72 510
	.....2002..		
	.....1997..		
21239303	Sulfur 1,000 l tons	1 097.9	36 812
	.....2002..	1 760.6	66 299
	.....1997..	X	78 341
21220021	Iron and ferroalloy ores (including tungsten, chromite, manganese, molybdenum, and cobalt) 1,000 s tons	X	174 755
	.....2002..	X	119 412
	.....1997..	X	286 260
21220023	Nonferrous metal ores (including copper, mercury, vanadium, titanium, platinum, etc.).....		
	.....2002..		
	.....1997..		
21239001	All other crude chemical nonmetallic minerals (including barite, borate, potash, fluorspar, rock salt, etc.) 1,000 s tons	X	72 947
	.....2002..	X	136 543
	.....1997..	X	30 882
32419903	Coke (including breeze), used as a raw material 1,000 s tons	207.9	D
	.....2002..	D	195 596
	.....1997..	X	130 137
33300015	Parts and attachments for machinery and equipment.....		
	.....2002..		
	.....1997..		
32221001	Paperboard containers, boxes, and corrugated paperboard	X	24 927
	.....2002..	X	45 988
	.....1997..	X	19 516
33240000	Metal containers	X	26 067
	.....2002..	X	1 642 135
	.....1997..	X	1 495 514
00970099	All other materials and components, parts, containers, and supplies.....	X	905 744
	.....2002..	X	801 589
	.....1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk		
	.....2002..		
	.....1997..		

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.